PATENT COOPERATION TREATY

PCT

INTERNATIONAL PRELIMINARY EXAMINATION REPORT

(PCT Article 36 and Rule 70)

REC'D 17 OCT 2003
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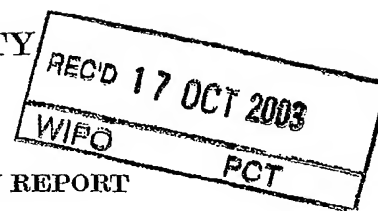
Applicant's or agent's file reference 100/02368	FOR FURTHER ACTION	See Notification of Transmittal of International Preliminary Examination Report (Form PCT/IPEA/416)
International application No. PCT/IL01/00758	International filing date *(day/month/year)* 14 AUGUST 2001	Priority date *(day/month/year)* 14 AUGUST 2000

International Patent Classification (IPC) or national classification and IPC
IPC(7): G06F 17/60 and US Cl.: 705/43, 39; 713/180, 200

Applicant
COMSENSE TECHNOLOGIES, LTD.

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1. This international preliminary examination report has been prepared by this International Preliminary Examining Authority and is transmitted to the applicant according to Article 36.

2. This REPORT consists of a total of __3__ sheets.

   ☐ This report is also accompanied by ANNEXES, i.e., sheets of the description, claims and/or drawings which have been amended and are the basis for this report and/or sheets containing rectifications made before this Authority. (see Rule 70.16 and Section 607 of the Administrative Instructions under the PCT).

   These annexes consist of a total of __0__ sheets.

3. This report contains indications relating to the following items:

   I ☒ Basis of the report

   II ☐ Priority

   III ☐ Non-establishment of report with regard to novelty, inventive step or industrial applicability

   IV ☐ Lack of unity of invention

   V ☒ Reasoned statement under Article 35(2) with regard to novelty, inventive step or industrial applicability; citations and explanations supporting such statement

   VI ☐ Certain documents cited

   VII ☐ Certain defects in the international application

   VIII ☐ Certain observations on the international application

EPO - DG 1
04. 12. 2003
(104)

Date of submission of the demand 14 MARCH 2002	Date of completion of this report 05 SEPTEMBER 2003
Name and mailing address of the IPEA/US Commissioner of Patents and Trademarks Box PCT Washington, D.C. 20231	Authorized officer HANI KAZIMI
Facsimile No. (703) 305-3230	Telephone No. (703)-305-1061

Form PCT/IPEA/409 (cover sheet) (July 1998)*

INTERNATIONAL PRELIMINARY EXAMINATION REPORT

I. Basis of the report

1. With regard to the elements of the international application:*

- [X] the international application as originally filed

- [X] the description:

  pages _____ 1-18 _____ , as originally filed

  pages _____ NONE _____ , filed with the demand

  pages _____ NONE _____ , filed with the letter of _____

- [X] the claims:

  pages _____ 19 _____ , as originally filed

  pages _____ NONE _____ , as amended (together with any statement) under Article 19

  pages _____ NONE _____ , filed with the demand

  pages _____ NONE _____ , filed with the letter of _____

- [X] the drawings:

  pages _____ 1-7 _____ , as originally filed

  pages _____ NONE _____ , filed with the demand

  pages _____ NONE _____ , filed with the letter of _____

- [X] the sequence listing part of the description:

  pages _____ NONE _____ , as originally filed

  pages _____ NONE _____ , filed with the demand

  pages _____ NONE _____ , filed with the letter of _____

2. With regard to the language, all the elements marked above were available or furnished to this Authority in the language in which the international application was filed, unless otherwise indicated under this item.
   These elements were available or furnished to this Authority in the following language _____ which is:

   - [ ] the language of a translation furnished for the purposes of international search (under Rule 23.1(b)).

   - [ ] the language of publication of the international application (under Rule 48.3(b)).

   - [ ] the language of the translation furnished for the purposes of international preliminary examination (under Rules 55.2 and/ or 55.3).

3. With regard to any **nucleotide and/or amino acid sequence** disclosed in the international application, the international preliminary examination was carried out on the basis of the sequence listing:

   - [ ] contained in the international application in printed form.

   - [ ] filed together with the international application in computer readable form.

   - [ ] furnished subsequently to this Authority in written form.

   - [ ] furnished subsequently to this Authority in computer readable form.

   - [ ] The statement that the subsequently furnished written sequence listing does not go beyond the disclosure in the international application as filed has been furnished.

   - [ ] The statement that the information recorded in computer readable form is identical to the writen sequence listing has been furnished.

4. [X] The amendments have resulted in the cancellation of:

   - [X] the description, pages _____ NONE _____

   - [X] the claims, Nos. _____ NONE _____

   - [X] the drawings, sheets/fig _____ NONE _____

5. [ ] This report has been drawn as if (some of) the amendments had not been made, since they have been considered to go beyond the disclosure as filed, as indicated in the Supplemental Box (Rule 70.2(c)).**

Replacement sheets which have been furnished to the receiving Office in response to an invitation under Article 14 are referred to in this report as "originally filed" and are not annexed to this report since they do not contain amendments (Rules 70.16 and 70.17).

**Any replacement sheet containing such amendments must be referred to under item 1 and annexed to this report.*

V. Reasoned statement under Article 35(2) with regard to novelty, inventive step or industrial applicability; citations and explanations supporting such statement

1. statement

Novelty (N)	Claims	NONE		YES
	Claims	1-6		NO
Inventive Step (IS)	Claims	NONE		YES
	Claims	1-6		NO
Industrial Applicability (IA)	Claims	1-6		YES
	Claims	NONE		NO

2. citations and explanations (Rule 70.7)

Claims 1-6 lack novelty under PCT Article 33(2) as being anticipated by Herbert et al. US Patent 6,023,509.

Claims 1-6, Herbert teaches a method of transactional authentication, comprising the steps of receiving transactional information containing a card ID, a code and a counter at a first location, transmitting the information to at least one of a plurality of authentication servers, applying a hash function to said information, and matching the hash information to a database of hashes of valid information at a one of said plurality of authentication servers (figs. 7-9, column 3, lines 15-56, and column 6, line 34 thru column 8, line 39).

----------------- NEW CITATIONS -----------------
NONE